

TEST REPORT

Product Name : Keyfinder

: ORBIT **Brand Mark**

Model No. : Orbit Keys FMN

FCC ID : 2ALHA-ORBITKEYSFMN

Report Number : BLA-EMC-202109-A10203

Date of Sample Receipt : 2021/9/28

Date of Test : 2021/9/29 to 2021/10/11

Date of Issue : 2021/10/11

47 CFR Part 1.1307, Part 2.1093, KDB **Test Standard**

447498

Test Result : Pass

Prepared for:

Global Shopping Network Pty. Ltd Suite 204,2 Grosvenor Street Bondi Junction NSW 2022 Australia

Prepared by:

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Date:



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REPORT REVISE RECORD

Version No. Date		Description	
00	2021/10/11	Original	



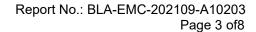




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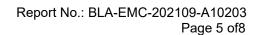


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1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	PASS







2 GENERAL INFORMATION

Applicant	Global Shopping Network Pty. Ltd			
Address	Suite 204,2 Grosvenor Street Bondi Junction NSW 2022 Australia			
Manufacturer	Shenzhen Intellink Technology Co., Ltd.			
Address	#1603, Tagen Innovation Building, No.7 Shangbao Rd, Futian, Shenzhen, China			
Product Name	Keyfinder			
Test Model No.	Orbit Keys FMN			

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	ORBIT_52832_05	
Software Version	1.2.7	



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4 TEST MODE

TEST MODE	TEST MODE DESCRIPTION			
TX	Keep the EUT in transmitting mode			
Remark:Only the data of the worst mode would be recorded in this report.				





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5 LABORATORY LOCATION

All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

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No tests were sub-contracted.





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6 RF EXPOSURE COMPLIANCE REQUIREMENT

6.1 STANDARD REQUIREMENT

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

6.2 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

6.3 EUT RF EXPOSURE

Operational Mode: BLE						
Channel	Maximum Peak Conducted Output	Tune up tolerance (dB)	Maximum tune-up Power		Calculated	Exclusion
Gridinio	Power (dBm)		(dBm)	(mW)	value	threshold
2402 MHz	-2.591	±1	-1.591	0.69	0.21	2.0
2442 MHz	-2.498	±1	-1.498	0.71	0.22	3.0
2480 MHz	-1.826	±1	-0.826	0.83	0.26	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

----END OF REPORT----

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